

Francisco Javier Fortes

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/126909/francisco-javier-fortes-publications-by-year.pdf>

Version: 2024-04-28

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

12
papers

520
citations

9
h-index

12
g-index

12
ext. papers

594
ext. citations

4.5
avg, IF

3.81
L-index

#	Paper	IF	Citations
12	Fast and In-Situ Identification of Archaeometallurgical Collections in the Museum of Malaga Using Laser-Induced Breakdown Spectroscopy and a New Mathematical Algorithm. <i>Heritage</i> , 2020 , 3, 1330-1343	1.6	2
11	Subsea spectral identification of shipwreck objects using laser-induced breakdown spectroscopy and linear discriminant analysis. <i>Journal of Cultural Heritage</i> , 2018 , 29, 75-81	2.9	18
10	Atomization efficiency and photon yield in laser-induced breakdown spectroscopy analysis of single nanoparticles in an optical trap. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2017 , 130, 75-81	3.1	20
9	Spectral Identification in the Attogram Regime through Laser-Induced Emission of Single Optically Trapped Nanoparticles in Air. <i>Angewandte Chemie - International Edition</i> , 2017 , 56, 14178-14182	16.4	16
8	Multi-Pulse Excitation for Underwater Analysis of Copper-Based Alloys Using a Novel Remote Laser-Induced Breakdown Spectroscopy (LIBS) System. <i>Applied Spectroscopy</i> , 2016 , 70, 618-26	3.1	14
7	Spatial distribution analysis of strontium in human teeth by laser-induced breakdown spectroscopy: application to diagnosis of seawater drowning. <i>International Journal of Legal Medicine</i> , 2015 , 129, 807-13	3.1	9
6	Elemental analysis of materials in an underwater archeological shipwreck using a novel remote laser-induced breakdown spectroscopy system. <i>Talanta</i> , 2015 , 137, 182-8	6.2	60
5	Chemical characterization of single micro- and nano-particles by optical catapulting and optical trapping laser-induced breakdown spectroscopy. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2014 , 100, 78-85	3.1	39
4	Effect of pulse duration in multi-pulse excitation of silicon in laser-induced breakdown spectroscopy (LIBS). <i>Applied Spectroscopy</i> , 2014 , 68, 1060-6	3.1	8
3	LIBS Detection of Explosives in Traces. <i>Springer Series in Optical Sciences</i> , 2014 , 349-376	0.5	3
2	Laser-induced breakdown spectroscopy. <i>Analytical Chemistry</i> , 2013 , 85, 640-69	7.8	301
1	Multielemental analysis of prehistoric animal teeth by laser-induced breakdown spectroscopy and laser ablation inductively coupled plasma mass spectrometry 2010 , 49, C191		30